

| L Number | Hits  | Search Text   | DB  | Time stamp       |
|----------|-------|---|---|------------------|
| -        | 3126  | shaft same vacuum same (seal or sealing)  | USPAT   | 2004/10/22 12:20 |
| -        | 464   | shaft same vacuum same (seal or sealing)<br>same apparatus  | USPAT   | 2003/04/09 13:55 |
| -        | 598   | shaft same vacuum same (seal or sealing)<br>same apparatus  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/09 14:00 |
| -        | 4658  | shaft same vacuum same (seal or sealing)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/09 14:00 |
| -        | 72930 | lip and seal  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/09 14:01 |
| -        | 27809 | shaft same vacuum   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/09 14:01 |
| -        | 8109  | lip adj seal  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/09 14:11 |
| -        | 62    | (lip adj seal) same (shaft same vacuum)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/09 14:04 |
| -        | 153   | 277/913   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/09 14:10 |
| -        | 3678  | 277/549-577.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/09 14:11 |
| -        | 903   | lip adj seal  | USOCR   | 2003/04/09 14:11 |
| -        | 120   | 277/549-577.ccls. and vacuum  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/09 14:11 |
| -        | 99    | (lip adj seal) same vacuum  | USOCR   | 2003/04/09 14:20 |
| -        | 12    | shaft same ("650 Hv" or ("650" same hv))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/09 14:37 |
| -        | 6     | synthetic same resin same ultra same high<br>same molecular same weight same compound                         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/09 15:35 |
| -        | 1     | lip same seal same (synthetic same resin<br>same ultra same high same molecular same<br>weight same compound) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/09 15:27 |
| -        | 13    | (lip same seal) and (synthetic same resin<br>same high same molecular same weight)                            | USPAT   | 2003/04/09 15:30 |

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| - | 2366   | synthetic same resin same high same molecular same weight   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/09 15:36 |
| - | 4      | (lip adj seal) and (synthetic same resin same high same molecular same weight)                                      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/09 15:37 |
| - | 142    | vishal.xa.  | USPAT   | 2003/04/09 16:03 |
| - | 404    | 277/510.ccls.   | USPAT   | 2003/04/09 16:03 |
| - | 5623   | vacuum same casing  | USPAT   | 2003/04/09 16:35 |
| - | 5103   | lip adj seal  | USPAT   | 2003/04/09 16:33 |
| - | 35     | (vacuum same casing) and (lip adj seal)   | USPAT   | 2003/04/09 16:33 |
| - | 108885 | vacuum same (casing or case or chamber)   | USPAT   | 2003/04/09 16:36 |
| - | 464    | (lip adj seal) and (vacuum same (casing or case or chamber))  | USPAT   | 2003/04/09 16:47 |
| - | 258745 | (WATANABE in.) or (MORI.in.) or (OKUNO.in.)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/09 16:48 |
| - | 865675 | seal  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/09 16:48 |
| - | 27787  | lip same seal   | USPAT   | 2004/05/06 12:30 |
| - | 945    | shaft same roughness  | USPAT   | 2004/05/06 12:30 |
| - | 31408  | vacuum same (casing or housing)   | USPAT   | 2004/05/06 12:59 |
| - | 0      | (lip same seal) same (shaft same roughness) same (vacuum same (casing or housing))                                  | USPAT   | 2004/05/06 12:30 |
| - | 0      | ((lip same seal) same (vacuum same (casing or housing))) and (shaft same roughness)                                 | USPAT   | 2004/05/06 12:31 |
| - | 192    | seal and (shaft same roughness)   | USPAT   | 2004/05/06 12:31 |
| - | 67     | seal same (shaft same roughness)  | USPAT   | 2004/05/06 12:31 |
| - | 268    | (lip same seal) same (vacuum same (casing or housing))  | USPAT   | 2004/05/06 12:54 |
| - | 0      | 6676132.URPN.   | USPAT   | 2004/05/06 12:54 |
| - | 2432   | seal adj lip  | USPAT   | 2004/05/06 12:54 |
| - | 3      | 277/913.ccls. and (seal adj lip)  | USPAT   | 2004/05/06 12:55 |
| - | 141    | 277/913.ccls.   | USPAT   | 2004/05/06 12:55 |
| - | 3      | (seal adj lip) and 277/913.ccls.  | USPAT   | 2004/05/06 12:55 |
| - | 107    | (vacuum same (casing or housing)) and (seal adj lip)  | USPAT   | 2004/05/06 12:55 |
| - | 63     | ((vacuum same (casing or housing)) and (seal adj lip)) not ((lip same seal) same (vacuum same (casing or housing))) | USPAT   | 2004/05/06 12:57 |
| - | 3185   | 277/549-577.ccls.   | USPAT   | 2004/05/06 12:57 |
| - | 33     | 277/549-577.ccls. and (vacuum same (casing or housing))   | USPAT   | 2004/05/06 12:59 |
| - | 123    | 277/549-577.ccls. and vacuum  | USPAT   | 2004/05/06 12:59 |
| - | 90     | (277/549-577.ccls. and vacuum) not (277/549-577.ccls. and (vacuum same (casing or housing)))                        | USPAT   | 2004/05/06 12:59 |
| - | 10     | shaft same vacuum same (seal or sealing) same lip same labyrinth  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 12:21 |
| - | 10     | shaft same vacuum same (seal or sealing) same lip same labyrinth  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 12:32 |
| - | 595    | ((277/346-347) or (277/349) or (277/353)).CCLS.   | USPAT   | 2004/10/22 12:25 |

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|---|------|--|---|------------------|
| - | 2964 | (vacuum same (casing or housing)) and<br>(shaft same (housing or sleeve)) and<br>(drive same shaft) and (seal)             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 12:33 |
| - | 337  | (vacuum same (casing or housing)) same<br>(shaft same (housing or sleeve)) same<br>(drive same shaft) same (seal)          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 12:33 |
| - | 373  | (vacuum same (casing or housing)) and<br>(shaft same (housing or sleeve)) and<br>(drive same shaft) and (lip same seal)    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 12:33 |
| - | 22   | (vacuum same (casing or housing)) same<br>(shaft same (housing or sleeve)) same<br>(drive same shaft) same (lip same seal) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 12:33 |